

IN THE CLAIMS

Claims 1-21 (canceled)

22. (previously presented) A process for producing a vitreous substrate material, which can be converted into a glass-ceramic comprising beta-quartz and/or keatite solid solutions, for coating with a mirror coating, the shaping taking place via a feeder, in which a molten drop of defined weight is added to a pressing die, and the parabolic contour of the substrate material is pressed using a ram with a smoothed surface.

23. (currently amended) The process according to claim 22, in which the conversion of the pressed vitreous substrate material into the glass-ceramic containing beta-quartz solid solution as the main crystal phase takes place at nucleation temperatures of 63°C to 750°C, for a duration of > 15 min and the crystallization takes place at temperatures of 700°C to 850°C for a duration of > 30 min.

24. (currently amended) The process according to claim 22, in which the pressed vitreous substrate material is converted into a glass-ceramic with keatite solid solution as the main crystal phase at temperatures of from 780°C to 1000°C.